



SERIAL NUMBER	FILING DATE	FIRST NAMED APPLICANT		ATTORNEY DOCKET NO.
08/951,991	10/16/97	GREENLEAF	.T	63.66.90245

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BARRY E SAMMONS QUARLES BRADY 411 DAST WISCONSIN AVE SUITE 2550 MILWAUKEE WI 53202-4497

EXAMINER			
TAMORSET			
ART UNIT	PAPER NUMBER		
3737	·		

DATE MAILED:

03/02/99

Please find below a communication from the EXAMINER in charge of this application.

Commissioner of Patents





UNITED STAT DEPARTMENT OF COMMERCE Patent and Trademark Office Address: COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231

ATTORNEY DOCKET NO. FIRST NAMED APPLICANT FILING DATE APPLICATION NUMBER

EXAMINER

ART UNIT

PAPER NUMBER

10

DATE MAILED:

This is a communication from the examiner in charge of your application. COMMISSIONER OF PATENTS AND TRADEMARKS

NOTICE OF ALLOWABILITY	
All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this appreviously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be appreciated to the communication will be appreciated to the communication of the communication will be appreciated to the communication of the communication will be appreciated to the communication of the communication will be appreciated to the communication of the communication	lication. If not included herewith (or be mailed in due course.
This communication is responsive to	
The allowed claim(s) istare 1-9.+17+9 (allowability of cl. 10-12 ins	docterly metic
☐ The drawings filed on are acceptable.	m proce Holica)
Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).	
☐ All ☐ Some* ☐ None of the CERTIFIED copies of the priority documents have been	•
received.	
received in Application No. (Series Code/Serial Number)	
 received in this national stage application from the International Bureau (PCT Rule 17.2(a)). 	
*Certified copies not received:	· · · · · · · · · · · · · · · · · · ·
☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).	
A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONME time may be obtained under the provisions of 37 CFR 1.136(a).	141 of this application. Extension of
☐ Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO- declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.	152, which discloses that the oath or
Applicant MUST submit NEW FORMAL DRAWINGS	
because the originally filed drawings were declared by applicant to be informal.	•
including changes required by the Notice of Draftperson's Patent Drawing Review, PTO-948, a	
including changes required by the proposed drawing correction filed on	
by the examiner.	, which has been approved
by the examiner. including changes required by the attached Examiner's Amendment/Comment.	
by the examiner.	the reverse side of the drawings.
by the examiner. including changes required by the attached Examiner's Amendment/Comment. Identifying indicia such as the application number (see 37_CFR 1.84(c)) should be written on The drawings should be filed as a separate paper with a transmittal letter addressed to the C Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIO	the reverse side of the drawings. Official Draftperson. LOGICAL MATERIAL.
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- 1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.
- 2. The application has been amended to present the June 5, 1998 amendment claims 17-19 without underlining (since this is not a re-issue case) as follows:

-- The detector system as recited in claim 1, further comprising:

means for moving the sonic beam to scan its focal point over a region in the object to be imaged, wherein said detector receives said sonic wave produced at the modulating frequency by the object as said sonic wave is scanned and said detector produces an output signal indicative of the amplitude of the sonic wave; and

a display for receiving the output signal and producing an image indicative of the amplitude of the sonic wave emanating from locations in said region.

18 The detector system as recited in claim 17 in which the object is located within a human subject and the detector system is located outside the human subject.

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The detector system as recited in claim 17 in which the modulating frequency is changed over a range of values as the focal point scans the region to be imaged, and the detector receives the sonic waves produced at the corresponding frequencies.

Any inquiry concerning this communication should be directed to Examiner Francis J. Jaworski at telephone number (703) 308-3061.

FJJ:fjj

2-26-99

Francis J. Jaworski Primary Examiner